

California Energy Commission



CLASSIFICATION: **ENERGY COMMISSION SPECIALIST II (TED)**
(Will consider Energy Commission Specialist I or T&D)

TENURE: Permanent

TIME BASE: Full-Time

SALARY: \$5,309 - \$6,404
(Salary will be adjusted accordingly to comply with furlough program.)

LOCATION: Energy Efficiency Research Office
Energy Research and Development Division

FINAL FILING DATE: Until Filled

DUTIES AND RESPONSIBILITIES: Under the general supervision of the Energy Commission Supervisor II in the Energy Efficiency Research Office, and the programmatic lead of the for the Buildings Efficiency subject area, the incumbent serves as a member of the Buildings Efficiency team to develop, implement and administer electricity- and natural gas-based public interest energy research, development and demonstration (RD&D) efforts related to energy efficiencies in residential and commercial buildings. The incumbent performs highly complex and difficult analyses; synthesizes information from multiple sources; develops and manages highly complex research projects; and assists in the development of energy efficiency research policy. The incumbent provides technical leadership, direction, and coordination efforts associated with improving energy efficient design, tools, construction and development, technologies associated with residential and commercial buildings. The incumbent works within an interdisciplinary team or teams, and assists with program planning and implementation in the Buildings Efficiency subject area.

The goal is to conduct RD&D to advance science and technologies not adequately provided by the regulated or competitive markets. The incumbent is highly knowledgeable of advanced energy efficiency concepts, technologies, and practices; performs time-critical and subject matter-critical technical or market analyses to support public interest energy RD&D funding; manages highly complex RD&D projects; and consults with experts in the field.

- Develop and guide research to improve the State's existing building stock. Within the Buildings Efficiency subject area, serve as the lead technical specialist and prime resource to identify, analyze and evaluate highly complex research and development issues and strategies related to improving the energy-efficient design, tools, technologies, and construction and operation practices associated with existing commercial and residential buildings. The incumbent will:
 - Identify and develop research needs and approaches to advance energy-efficient technologies, practices and tools in the existing commercial and residential market sectors.
 - Provide expert technical and policy guidance, consultation and direction to program management on complex energy issues associated with this topic area.
 - Formulate and develop a roadmap to identify future energy efficiency-related research, development and demonstration needs and their potential to help achieve California's energy efficiency goals for existing buildings based on the results of past research and public workshops on the subject.
 - Prepare research initiatives and budget for consideration by division and office management.
 - Develop and prepare guidelines, standards, policy options and core area program initiatives and budgets for consideration by the Deputy Director for Energy Research and

- Development, the Executive Office, Commissioners, and the Legislature, and other stakeholder agencies in relationship to research needed for existing buildings.
- Evaluate information from multiple sources and participate in proceedings associated with building and appliance energy efficiency standards (AB 758 for existing buildings, Title 24 and Title 20), utilities, the California Public Utilities Commission, and others as it relates to existing buildings.
- Work with local, regional, state, and federal government entities, utilities, and other stakeholders to facilitate the coordination of public interest energy research.
- Project Management.** Identify, implement, organize, and manage the most sensitive and highly complex energy efficiency-related technical and scientific projects and contracts. Develop work statements, budgets and measureable technical and economic objectives which will be used to determine project success, and other materials necessary to finalize the contract agreements. Lead and participate in project advisory and technical advisory committees. Review technically complex project reports. Formulate future research plans based on contract/project results.
- Proposal Evaluation.** Manage and conduct solicitation planning and development activities. The incumbent will review proposals to determine how well the project addresses the scope of the solicitation criteria including, but not limited to the extent the project will advance science or technology, address market issues and needs, meet specified target goals and objectives, and evaluate the skill, experience and ability of the project team to complete the technical tasks within the budget and schedule, move the results into the marketplace, and determine the adequacy of project funding. The incumbent will prepare written findings of such evaluations for use by a technical scoring committee, and may discuss and present project recommendations to the RD&D Lead Commissioner or the Executive Office, or at Energy Commission Business Meetings and other public venues.
- Research Dissemination.** Prepare written reports, fact sheets and technical briefs and disseminate research findings at workshops, seminars and conferences; write technical papers for professional journals and industry publications; provide expert testimony and comments within the incumbent's area of expertise on highly technical problems at hearings and proceedings sponsored by the Legislature, the Energy Commission, other local and regional governments, state and federal agencies, utilities, and other entities related to energy efficiency RD&D.

DESIRABLE EXPERIENCE/QUALIFICATIONS: The successful applicant should have:

- Excellent interpersonal skills. The successful applicant is expected to work within a larger team environment.
- Ability to communicate complicated information in a simple, consumer-friendly manner.
- Ability to coordinate interdisciplinary projects.

WHO MAY APPLY: All interested eligible persons are encouraged to apply. Applicants must have either transfer, list, reinstatement, or SROA/Surplus eligibility. Please indicate your eligibility and RPA# 580-185 for this classification on the state application form, STD. 678. **Applications will be screened for experience and only the most qualified will be contacted for an interview.**

INTERESTED APPLICANTS SHOULD SUBMIT A COMPLETED STANDARD STATE APPLICATION (FORM STD. 678) TO:

Audra DeBenedetti RPA 580-185
1516 Ninth Street, M.S. #3
Sacramento, CA 95814
(916) 654-4515

California Relay (Telephone) Service for the
Deaf or Hearing-Impaired
From hTDD Phones: 1-800-735-2929
From Voice Phones: 1-800-735-2922